

09/926309 410 REPCT/PTO 1 1 OCT 2001

## METHOD FOR RENEWING LIVING BEING PERMANENTLY (PCT/JP00/02420)

Izumi Arai 19-16, Senjumidoricho 2-chome, Adachi-ku, Tokyo 120-0044 Japan

The field of my invention

This invention belongs to the field of biology and life science.

Past ways of thinking

So far, all creatures were thought to die.

The point of my invention

This invention liberates creatures from death. In order to attain the purpose, this invention is repetition of the exchange process of organs produced by regenerating cells, tissues, and organs of living things.

Concise explanations of my inventive figures

The first figure shows that an egg produced by nuclear transplantation from cells of individuals and clones is cultivated.

The second figure shows that an individual regains one's health by exchanging old hurt organs such as cells, tissues, and organs of the individual injured in diseases and accidents for new regenerated ones such as cells, tissues, and organs prepared in clone bodies.

The effective method of my invention

I will explain this invention in detail, according to attached figures.

To begin with, as Fig.1 shows, the nucleus of the cell in individuals or clone bodies is transplanted into an egg. Namely, the cell in individuals containing the same types of genes is united with the non-fertilized egg in which polar bodies and chromosomes were removed. And by cell fusion the nucleus is transferred from the cell to the egg. The egg after nuclear transplantation is nurtured in the incubator such as artificial organs or is developed in living bodies such as greater omentum, uterus, etc. And regenerated organs of clone bodies are created like cells, tissues, and organs, as Fig.2 shows. It is possible to take in different kinds of cells, tissues, and organs such as chloroplasts, mitochondria, gills, wings, etc.

Old hurt organs such as cells, tissues, and organs of the individual injured in diseases and accidents are exchanged for new regenerated organs such as healthy cells, tissues, and organs. And an individual is restored to health. Old hurt organs such as cells, tissues, and organs of the injured individual are absorbed or removed, but a part of old ones can be utilized over again. Also, clone bodies can be reconstructed. The individual develops from not only the fertilized oocyte but also the differentiated cell. Therefore, by return from the individual, to the organ, to the tissue, and to the cell, that is, the basic level, I can recover healthy individuals, organs, tissues, and cells even from injured individuals, organs, tissues, and cells. Also, it is possible to unite them across the border of each level.

On respective cells, tissues, and organs, by repetition of the above process, I can maintain healthy individuals. Hurt organs injured in diseases and accidents are various on each occation. As the need arises, I repeat this inventive course. And I can renovate life infinitely toward the eternal future. I can use together artificial materials and spontaneous recovery from internal troubles by external stimuli.

## The significance in my invention

In this way, my invention permanently keeps individuals healthy by newly changing each hurt organs such as cells, tissues, and organs of individuals injured in a great variety of diseases and accidents for healthy regenerated organs such as cells, tissues, and organs containing the same types of genes. With repeating this process succeedingly to the future, I can incorporate the improvement by higher quality genes suitable for survival, artificial materials, new energy utility systems, etc., into these repetitive processes. And then I can raise the capacity of interchangeable cells, tissues, and organs, create more versatile progress of individuals, and eternally renovate life.

## The scope of my invention

I repeat the process of exchanging hurt organs such as cells, tissues, and organs of individuals injured in diseases and accidents for newly—made healthy ones by regenerating cells, tissues, and organs of life, etc. And I preserve everlasting healthy individuals and rescue creatures from death. By these succeedingly repeated processes toward the future, replacement for better quality genes and utilization of artificial materials and new energy systems are integrated into these processes. In this way, I can improve the performance of cells, tissues, and organs, and create the individual evolving diversely, and renovate life perpetually.

## The summary

In the past, living things were thought to die. I liberate creatures from death, and renovate life forever. I regenerate organs(6) such as cells, tissues, and organs of clone bodies(5) produced by the cultivation(4) of the egg(3) whose nucleus(2) is transplanted from the

cell(1) of individuals or clone bodies. And I replace hurt organs(7) such as cells, tissues, and organs of individuals injured in diseases and accidents(8) for newly regenerated ones(6). Therefore I can regain healthy individuals(9). I repeat these processes shown in Fig.2. Whenever injuries occur in various diseases and accidents, etc., I repeat these above processes, with using together high quality genes, artificial materials, the construction of new organ systems, spontaneous recovery by external stimuli, etc. And then I can improve the performance of cells, tissues, and organs, and promote the diverse evolution of individuals.